

Work Order ID 54162

December 1, 2009 3:10:44 PM



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Item ID: D3996-FE-832-EF

Accept



Setup Start



Revision ID:

Stop



Item Name: Self-Clinching Fastener

Start Date: 12/01/09 Start Qty: 249.00



Cust Item ID:

Required Date: 12/01/09 Req'd Qty: 249.00

Customer:

Reference:

Run Start



Approvals: Process Plan: CY

Date: 09/12/01

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3996	A								

100

0.00



Purchasing

0.00

Purchasing

Memo

Issue P/O:

P/O: 6991

Purchase Part Number: FE-832-EF

Supplier: Interfast Inc.

Certificate of conformity is required

pull from stock.

CY 09/12/01 249

110

0.00



Packaging

0.00

Packaging

Memo

Receive & Inspect for Damage & Mat'l Certs

x249 09/14/01 249

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 54162

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Required Date: 12/01/09 Req'd Qty: 249.00

Customer:




Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120  QC Quality Control	QC6- Inspect dimensions to drawing Memo	0.00 0.00	27 80912/02 QSP019			60 units (x249)	0		
130  Packaging Packaging	Identify as per dwg & Stock Location: _____ Memo	0.00 0.00							09/12/01 (249)
140  QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.00							09/12/03

u 9.12.03

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 54162



Parent Item: D3996-FE-832-EF



Parent Item Name: Self-Clinching Fastener

Start Date: 12/01/09

Required Date: 12/01/09

Comments: IPP RevA: new issue 09.11.11 DD verified by:EC

Start Qty: 249.00

Required Qty: 249.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
FE-832-EF		Purchased	No			110	Each	249.0000	249.0000			

PEM Insert

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

249

109011

249

249 0209/12/03

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

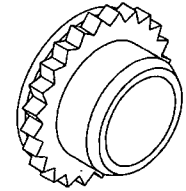
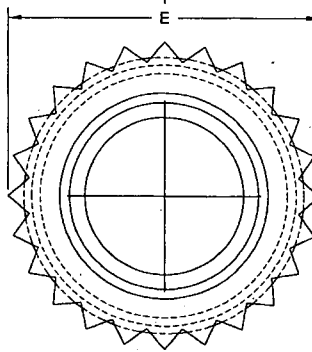
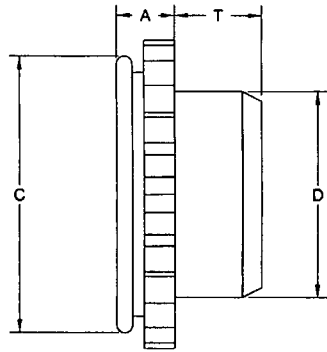
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

SPECIFICATION CONTROL DRAWING



FE832 SP D3996-XXX-YYY-ZZZ SELF-CLINCHING FASTENER

THREAD SIZE	THREAD CODE ("YYY")	TYPE ("XXX")	A MAX (SHANK)	SHEET THICKNESS	C +0.000 -0.005	D MAX	E ±0.005	T +0.015 -0.000	HOLE SIZE IN SHEET +0.003/-0.000	MIN DIST. HOLE CL TO EDGE	WEIGHT lb
#4-40 (0.112)	440	FEO	0.040	0.039-0.045	0.171	0.145	0.192	0.065	0.172	0.14	0.00031
		FE	0.060	0.059-0.070							0.00037
#6-32 (0.138)	632	FEO	0.040	0.039-0.045	0.212	0.180	0.244	0.075	0.213	0.17	0.00047
		FE	0.060	0.059-0.070							0.00068
#8-32 (0.164)	832	FEO	0.040	0.039-0.045	0.289	0.215	0.322	0.090	0.290	0.20	0.00098
		FE	0.060	0.059-0.070							0.00124
#10-32 (0.190)	032	FEO	0.040	0.039-0.045	0.289	0.245	0.322	0.110	0.290	0.20	0.00104
		FE	0.060	0.059-0.070							0.00120
1/4-28	0428	FE	0.060	0.059-0.070	0.343	0.318	0.384	0.120	0.344	0.28	0.00158

NOTES

1) SPECIFICATION: PENNINGENGINEERING (PEM) MINIATURE SELF-CLINCHING FASTENER, SELF-LOCKING
PEM P/N XXX-YYY-ZZZ

WHERE "XXX" = TYPE "FEO" (SHORT SHANK) OR "FE" (LONG SHANK) PER TABLE
"YYY" = THREAD CODE PER TABLE
"ZZZ" = FINISH CODE PER NOTE 2 BELOW

FOR EXAMPLE, #8-32 THREAD, LONG SHANK, ELECTRO-FILM FINISH:
DART P/N = D3996-FE-832-EF
PEM P/N = FE-832-EF

2) FINISH: FINISH CODE ("ZZZ") PER THE FOLLOWING:

"C" = CADMIUM YELLOW CHROMATE PER ASTM B766 CLASS 5 TYPE II
"CI" = CADMIUM CLEAR CHROMATE PER ASTM B766 CLASS 5, TYPE III
"EF" = ELECTRO-FILM PER MIL-PRF-46010
"MD" = MOLYBDENUM DISULFIDE DRY FILM (STD PEM FINISH)

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: N/A
7) WEIGHT: N/A

C209112101
W10: 54162.

RELEASED
2009-11-08

A	NEW ISSUE	CP	09.10.01
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.10.01		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D3996	REV. A SHEET 1 OF 1
TITLE SELF-CLINCHING FASTENER	SCALE NTS
COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR TRANSMITTED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

Receiving Report

Date: 8/8/22 Batch No: M109011
 Supplier: TRISTAR Dart P/O: (6991)

Packing Slip: Yes ☒ No ☐ Release Note Attached: Yes ☒ No ☐ N/A ☐
 Invoice: Yes ☐ No ☒ Waybill Attached: Yes ☒ No ☐ N/A ☐
 Receipt: Cash ☐ Cr ☒ Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection ☐ N/A ☒
 Work Order ☐ N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin:

Date: 08/08/25
 Received/Costing: RCR 8698
 Initial: CS

Location: _____



190 STAFFORD RD., WEST, NEPEAN, ON, CAN, K2H 9G3
TEL: 1-613-596-2663 FAX: 1-613-596-2779
WEBSITE: www.interfast.ca

Packing Slip

PACK-SLIP REV: NC DATE: 09/30/03

Invoice#:

357555

21-AUG-08

SV DART AEROSPACE LIMITED
OE 1270 ABERDEEN ST.
LN HAWKESBURY ON
DD K6A 1K7
U CAN
T
OA

SE DART AEROSPACE LIMITED
HX 1270 ABERDEEN ST.
IP HAWKESBURY ON
PE CAN K6A 1K7
DI
OR
A

SHIP MODE: Pcl
MODE D'EXPEDITION:
FOB: FOB - Interfast Dock
F.A.B.:
NO. CARTONS: 1
WAYBILL #: 329033727283
FACTURE DE VOIE #:

CUSTOMER PO# 6991
N° DU BON DE COMMANDE:
CUSTOMER # 116900
CLIENT #:
OUR SALE # 301639
N° DE LA VENTE:
TERMS: Net 30 Days (01)
MODALITES:

QUANTITY ORDERED QUANTITÉ COMMANDEE	U/M M.N.R.	QUANTITY SHIPPED QUANTITÉ EXPÉDIÉE	BALANCE DUE SOLDE	PART# & DESCRIPTION PARTIE # ET DESCRIPTION	LOT# / Serial#
300.00	EA	300.00 <i>CL 08/08/22</i> <i>[Signature]</i>	0.00	Cust PO Line#: <i>6991</i> Cust Part#: <i>FE-832-EF</i> Part#: <i>FE-832-EF</i> Descr: NUT ** Packbox#: PACK295943 Lot Line#: 1 Qty: 300 Expire Date Rev Lvl: Mfg/Cure Date:	D580370001

Total Qty Shipped: 300

GST/TPS # R102504958 QPST/TVQ # 1009982431TQ0001

PAST DUE ACCOUNTS WILL BE SUBJECT TO A SERVICE CHARGE OF 1.5% PER MONTH. INTERFAST WILL BE RESPONSIBLE FOR THE AUTHORIZED REPLACEMENT OF GOODS WHICH ARE DEFECTIVE OR WHICH ARE NOT TO SPECIFICATION PROVIDED THAT CLAIMS ARE MADE WITHIN 14 DAYS OF SHIPMENT.

LES COMPTES EN SOUFFRANCE SERONT ASSUJETTIS À DES FRAIS DE SERVICE DE 1.5% PAR MOIS. INTERFAST NE SERA RESPONSABLE QUE POUR L'ÉCHANGE AUTORISÉ DE BIENS DÉFECTUEUX OU QUI NE SONT PAS CONFORMES AUX SPÉCIFICATIONS À CONDITION QUE LES RÉCLAMATIONS SOIENT EFFECTUÉES DANS LES QUATORZE (14) JOURS SUIVANT L'EXPÉDITION.

"I hereby certify that the items, or materials covered by this document have been inspected and tested and conform to all applicable specifications relative thereto, and unless authorized by customers, no work or alterations have been performed. Supportive documentary evidence of conformance is either on file or available upon request.

"Je certifie par les présentes que les articles ou matériaux couverts par le présent document ont été inspectés et testés, et qu'ils sont conformes à toutes les spécifications applicables en ce qui a trait auxdits articles ou matériaux. À moins d'avoir obtenu l'autorisation du client, aucun remaniement ni aucune modification n'ont été apportés. La documentation de soutien prouvant la conformité se trouve dans le dossier ou est disponible sur demande."

Vincent Yap
Director Of Quality.

DART

Purchase Order

Date Aug 20, 2008	Page 1
Purchase Order Number PO00006991	

Dart Aerospace Ltd
1270 Aberdeen St
Hawksbury, Ontario K6A 1K7
Phone: (613)632-9577
Fax: (613)632-1053

FAXED
08/20/08

Vendor Address:

Interfast Inc.
22 Worcester Road
Toronto, ON M9W 5X2
Canada
Phone (613) 596-2663
Fax (613) 596-2779

Ship To:

Main Finished Goods Location
Dart Aerospace Ltd
1270 Aberdeen St
Hawksbury, Ontario K6A 1K7

Reference	Contact	Vendor Number	PO Date	Terms	Ship Via	Expected Arrival
		VC-INT001	Aug 20, 2008	N30	Purolator	Aug 26, 2008

Qty. Ordered	Item Number	Description	Expected Arrival	Drop-Ship	Unit Cost	UOM	Extended Price
300.0000	FE832EF ✓ <i>CLAVOIE 8/22</i> <i>PC 8/22</i>	PEM Insert <div>CERTIFICATE OF CONFORMITY REQ'D UPON DELIVERY</div>	8/26/2008	No	0.300000	Each	90.00

Comments:**Tax Summary:**

GST 4.50
GSTME 0.00
GSTND 0.00

Less:

included tax

0.00

Subtotal

90.00

Total tax

4.50

Total purchase order in

CAD Dollars

94.50

Entered By: *CL* CLAVOIE

Approved By: *[Signature]*